October 6, 2025
FP CORPORATION

OPP Film Laminator Ordered

FP Corporation (Chairman and Representative Director: Morimasa Sato; hereinafter, the “Company”) has placed an order for a laminating machine to manufacture laminated OPP plate (hereinafter ”LOP plate”) with thicknesses ranging from approximately 1 mm to 3 mm.

LOP plates, processed to a thickness of approximately 1 to 3 mm thickness, it is possible to achieve high rigidity, impact resistance, toughness, and thermo-formability, and because it retains a higher degree of transparency than conventional PP sheets, providing excellent appearance for decorative application by printing, and it has the potential to be used as a partial substitute for steel sheets, aluminum steel sheets, FRP※1, polycarbonate sheets, and CFRP※2.

We are currently developing two types of LOP plate: a ”High Rigidity Type” that prioritizes product rigidity and an ”Easy Forming Type” that prioritizes formability. Both use Polypropylene as the base material, making them highly recyclable. Additionally, decoration via printing eliminates the need for painting processes, resulting in environmentally friendly products that comply with VOC regulations ※3.

We aim to launch the High Rigidity Type in early 2027, planning to install a laminating machine at our Kannabe Plant in Fukuyama City, Hiroshima Prefecture. Subsequently, we target launching the Easy Forming Type in early 2029 and will consider placing additional orders for laminating machines.

Our newly developed OPP sheet has been evaluated across a wide range of industries, including mobilities, construction, housing equipment, solar cells, and logistics materials. As we expand the new OPP sheet into these industries, we will explore marketing strategies, including alliances with related industries, to further advance our business development.

※1 FRP: Fiber-Reinforced Plastic
※2 CFRP: Carbon Fiber Reinforced Plastic
※3 VOC Regulations: Laws and regulations that control volatile organic compounds (VOCs) emitted into the atmosphere

[Related Links on Our Website]

・Successful Development of the World's First Ultra-High-Rigidity Biaxially Oriented Polypropylene Sheet

https://www.fpco.jp/dcms_media/other/press_keieikikaku_20240621.pdf

・Official order placed for Ultra-High-Rigidity and Thermo-Formable Biaxially Oriented Polypropylene Sheet manufacturing machine

https://www.fpco.jp/dcms_media/other/press_keieikikaku_20250110_2.pdf

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